

Quartz Crystals and Oscillators Market, Global Outlook and Forecast 2022-2028

<https://marketpublishers.com/r/Q44F474A6832EN.html>

Date: June 2022

Pages: 123

Price: US\$ 3,250.00 (Single User License)

ID: Q44F474A6832EN

Abstracts

A crystal is a piece of piezoelectric material that generates an oscillating sinusoidal electric signal due to the mechanical vibration of its structure. Crystals vibrate at very precise frequencies, so they produce precisely tuned outputs. The crystal oscillator refers to a slice (abbreviated as a wafer) from a quartz crystal at a certain azimuth angle, a quartz crystal resonator, which is simply referred to as a quartz crystal or a crystal, and a crystal oscillator; and a crystal element in which an IC constitutes an oscillation circuit is added inside the package is called Crystal oscillator.

This report contains market size and forecasts of Quartz Crystals and Oscillators in global, including the following market information:

Global Quartz Crystals and Oscillators Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Quartz Crystals and Oscillators Market Sales, 2017-2022, 2023-2028, (M Pcs)

Global top five Quartz Crystals and Oscillators companies in 2021 (%)

The global Quartz Crystals and Oscillators market was valued at 4187.3 million in 2021 and is projected to reach US\$ 6011.5 million by 2028, at a CAGR of 5.3% during the forecast period 2022-2028.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

SPXO Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Quartz Crystals and Oscillators include TXC, Seiko Epson, Nihon Dempa Kogyo (NDK), Kyocera Crystal Device (KCD), Daishinku Corp (KDS), Vectron (Microchip), Rakon, TKD Science and Technology and Hosonic Electronic, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Quartz Crystals and Oscillators manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Quartz Crystals and Oscillators Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (M Pcs)

Global Quartz Crystals and Oscillators Market Segment Percentages, by Type, 2021 (%)

SPXO

TCXO

VCXO

OCXO

Quartz Crystal

Global Quartz Crystals and Oscillators Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (M Pcs)

Global Quartz Crystals and Oscillators Market Segment Percentages, by Application, 2021 (%)

Consumer Electronics

Automotive

Home Appliance

IT & Telecommunication

Medical Equipment

Others

Global Quartz Crystals and Oscillators Market, By Region and Country, 2017-2022,
2023-2028 (\$ Millions) & (M Pcs)

Global Quartz Crystals and Oscillators Market Segment Percentages, By Region and
Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Quartz Crystals and Oscillators revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Quartz Crystals and Oscillators revenues share in global market, 2021 (%)

Key companies Quartz Crystals and Oscillators sales in global market, 2017-2022 (Estimated), (M Pcs)

Key companies Quartz Crystals and Oscillators sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

TXC

Seiko Epson

Nihon Dempa Kogyo (NDK)

Kyocera Crystal Device (KCD)

Daishinku Corp (KDS)

Vectron (Microchip)

Rakon

TKD Science and Technology

Hosonic Electronic

Murata/TEW

Siward Crystal Technology

Micro Crystal

Diodes Incorporated

Harmony Electronics Corp (H.ELE.)

Failong Crystal Technologies

Tai-Saw Technology

River Eletec

Taitien

AnHui Jing Sai Technology

ZheJiang East Crystal

Abracon

NSK (JenJaan Quartek Corporation)

Aker Technology

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